

Ag-Grid Energy LLC

“Not letting waste go to waste”



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Founder & CEO

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AG-GRID ENERGY LLC - Vision, Value Statement & Target Markets

“Ag-Grid Energy has a vision to drive dairy farm sustainability by converting agricultural and organic waste to energy, enhance nutrient management practices thereby improving farm viability and financial stability.”

■ Dairy Farms

- Focus on mid-size dairies 300 to 2000 milking cows for biogas to electricity
- Focus on larger-sized dairies 2000 to 5000 milking cows for biogas to RNG

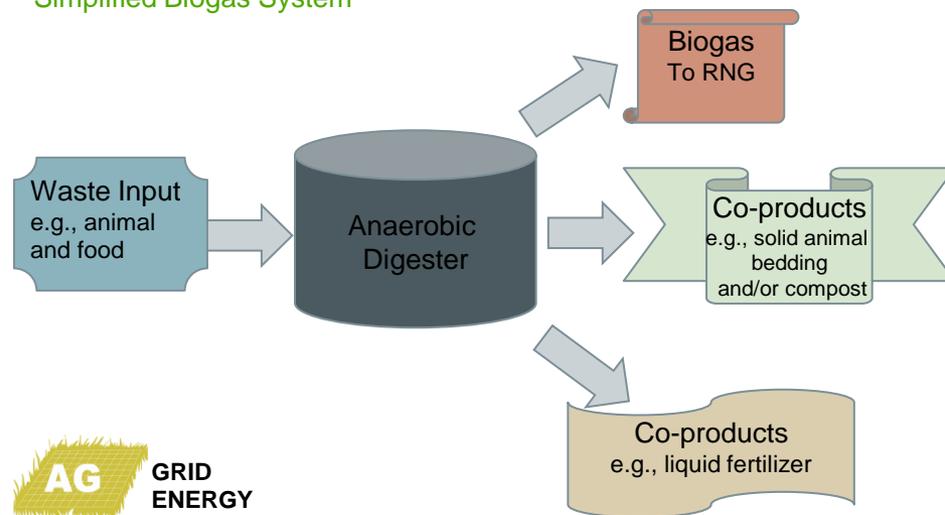
■ Waste

- Dairy manure
- FOGS
- Organic Slurry
- Packaged Organics

■ Geography

- Predominantly states with food waste ban
- Currently expanding into Mid-West and Mid-Atlantic with plans to expand in Southwest

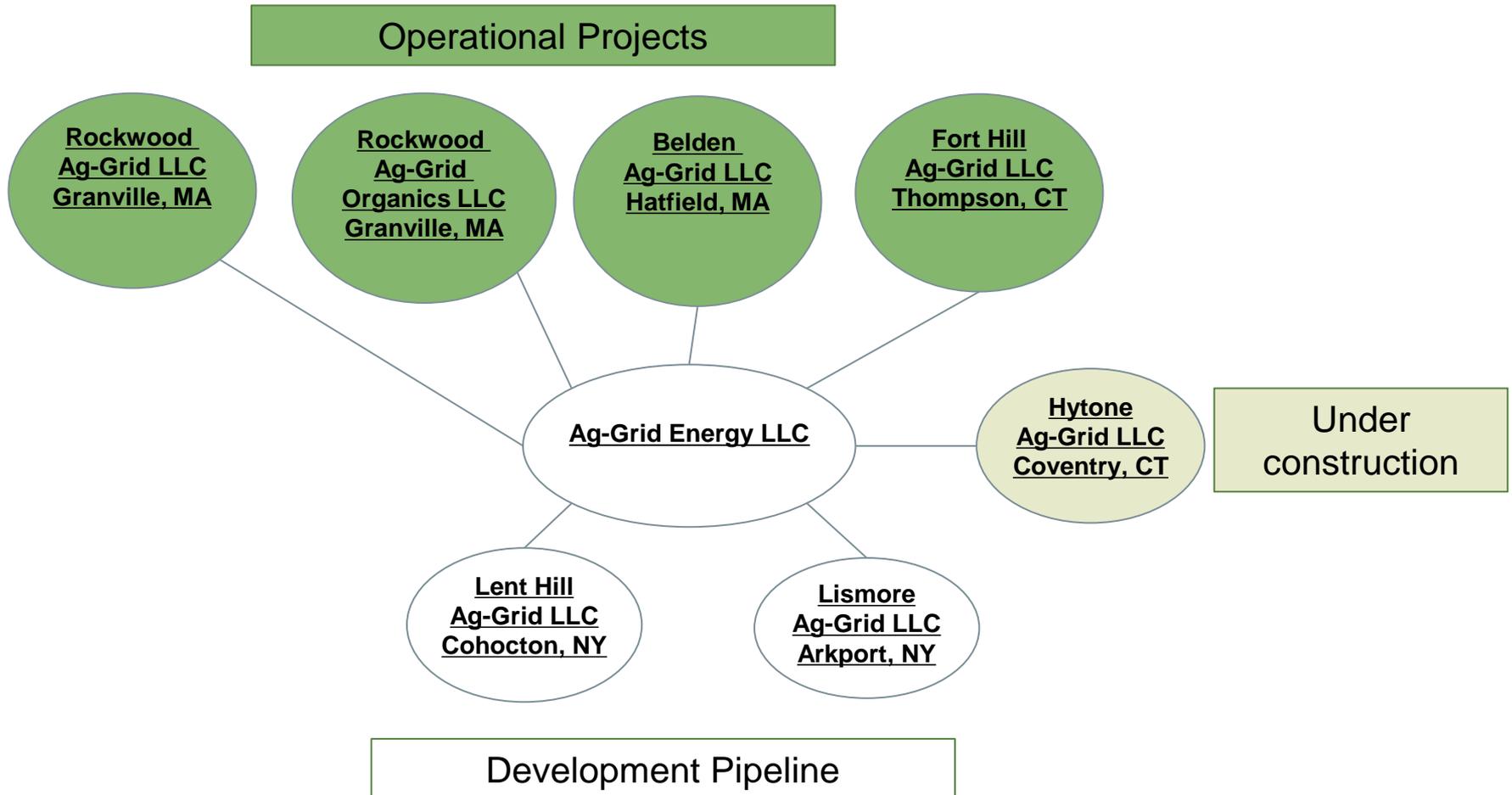
Simplified Biogas System



Accelerating Waste Conversion To Renewable Energy

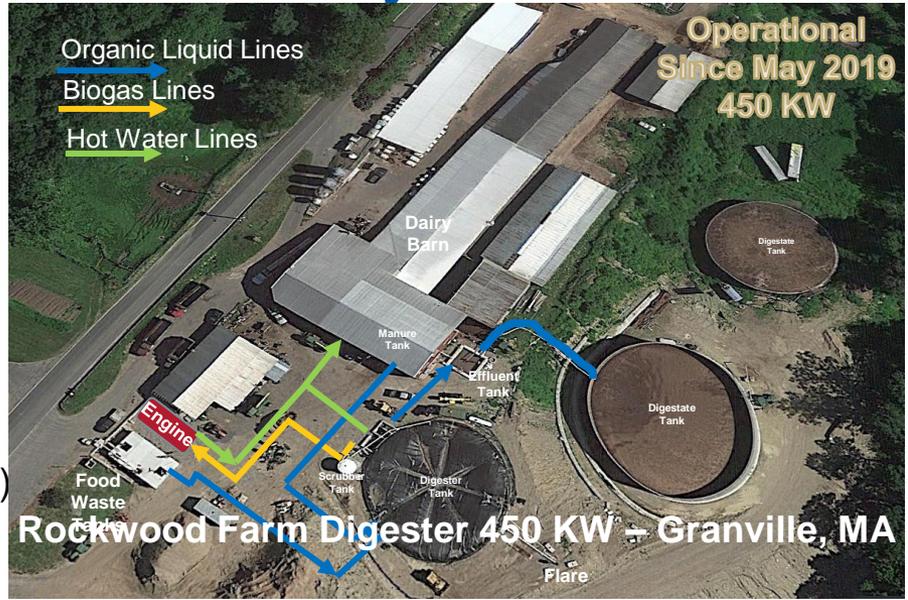
Ag-Grid Energy Portfolio

- Rashi Akki – Founder & CEO
- Martin Odom – Technology Consultant
- Reed Baldwin – Northeast Operations Manager
- Kristin Gavin/Bill Gowie – Accounting/Tax Consultant
- Deven Kane – Legal Consultant



Ag-Grid's current generation - 1.3 MW → 4.4 MW by 2022

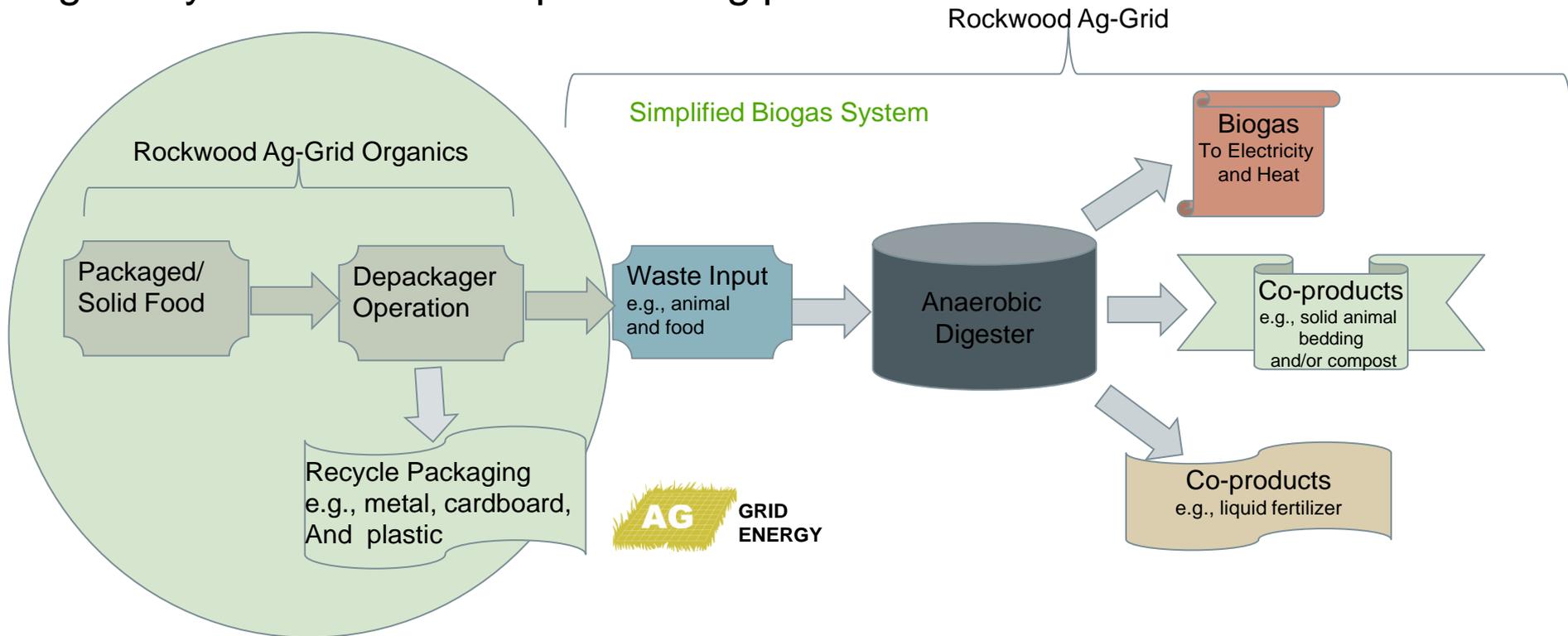
- Two Massachusetts dairy AD's (0.75 MW → 1.3 MW)
 - Rockwood has 400 milking cows
 - Belden has 180 milking cows
- Two Connecticut dairy AD's (0.55 MW → 1.1 MW)
 - Fort Hill has 220 milking cows
 - Hytone has 400 milking cows (under construction)
- One New York dairy AD (2 MW)
 - Lent Hill has 2100 milking cows (under development)





Added **DEPACKAGER** to Rockwood Dairy Digester

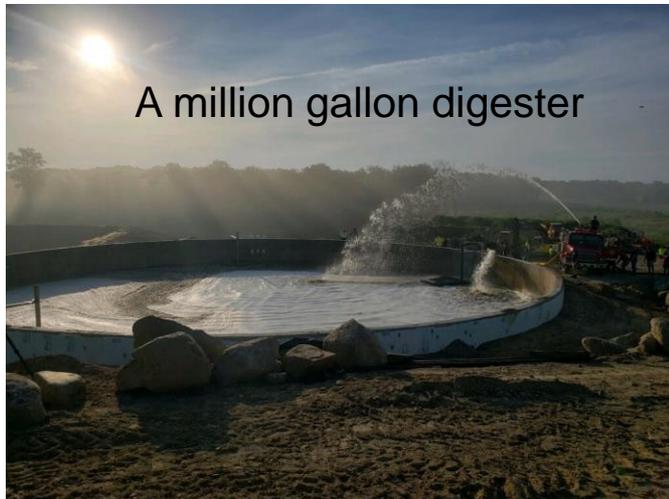
- Rockwood Digester could only take liquid food waste in 2018 and 2019
- Now Rockwood can take **PACKAGED** food waste from grocery stores and food processing plants



Fort Hill Ag-Grid – CT 1st Biogas to Electricity Dairy Digester



5.5 million gallon lagoon



A million gallon digester



550 KW Engine



Snow laden view



Food Waste Tanks

- 4 sections of the tanks include
 - 2 food waste tanks
 - Manure tanks
 - Digestate tank



Current Project Portfolio

Processing 60,000 tons of food waste/year currently with planned expansion to 120,000 tons of food waste/year

| Project | State | Size, kW | Stage | Food Waste (Gallons or tons/day) | Start Date |
|---------------------------|--------------|---------------|-------|----------------------------------|-------------|
| Rockwood Ag-Grid | Granville MA | 900 KW | 8 | 18,000 gallons | Operational |
| Belden Ag-Grid | Hatfield MA | 450 KW | 8 | 18,000 gallons | Operational |
| Rockwood Ag-Grid Organics | Granville MA | - | 8 | 50 tons | Operational |
| Fort Hill Ag-Grid | Thompson CT | 550 KW | 7 | 18,000 gallons | Operational |
| Hytone Ag-Grid | Coventry CT | 550 KW | 5 | 18,000 gallons | Dec 2021 |
| Lent Hill Farm | Cohocton NY | 2000 KW | 4 | 36,000 gallons | June 2022 |
| Lismore Ag-Grid | Arkport NY | 75,000 MMBTUs | 4 | - | Dec 2023 |

(* Stage 1 – Preliminary Discussion; 2 – Proposal Development, 3 – Partnership creation, 4- Feasibility Assessment; 5 – Permit/EPC Initiated, 6 – Building Phase, 7 – Start-up, Phase 8 - Operational

2nd CT Project - Hytone Ag-Grid in Coventry, CT

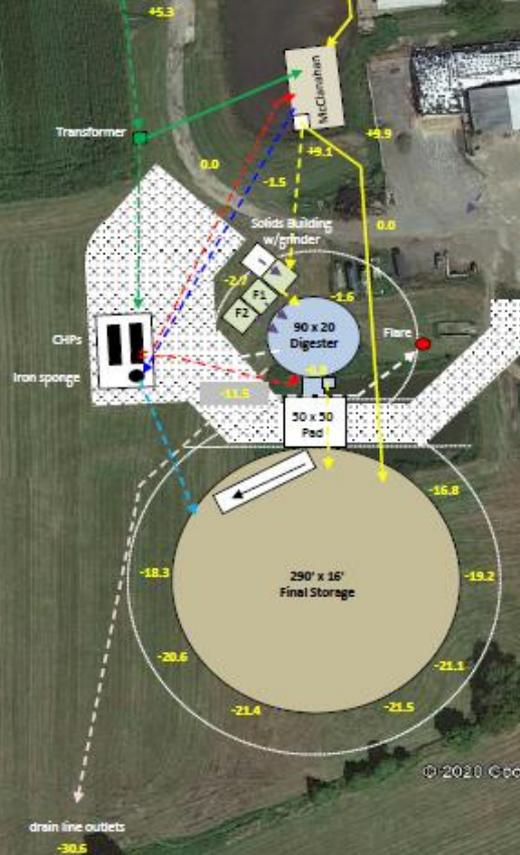
Construction to begin in 2021

Hytone Farms
2047 Boston Turnpike
Coventry, CT 06328

Version 7.3
10-28-2020

Notes

- 1) Farm to install sand separation system and pump effluent to P1
 - bypass line will send manure to final storage & bypass P1/digester
 - elevated pad between digester and final storage for excavator access to both
 - farm to install final manure storage tank
- 2) MCR's scope is transformer & incoming power
 - farm to submeter their needs off that transformer
- 3) Digester to be easy sand cleanout design - 90' x 20' w/air injection
 - weirs over into final storage
 - farm to supply all approved fill needed
- 4) 550kw MANN CHP in 11.5x40 enclosure
- 5) Iron sponge H2S control - with header plumbed for 2nd engine install later
- 6) (2) food waste pits - pumped directly to the digester
- 7) (1) reception pit
- 8) Building with a grinder to accept solid food waste
- 9) Heat loop taken to SS building (farmer to install heat exchanger in that building)



LINE KEY

- Yellow dashed : manure MCR
- Yellow Solid : manure farm's responsibility
- Purple : food waste
- Dark Blue : fresh water
- Light Blue : H2S water
- Purple : food waste
- Red : hot water
- Green dashed : electric MCR
- Green solid : farm's responsibility
- White : biogas

Elevations marked in YELLOW

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Current Ag-Grid Partnerships

Financing Partner



EPC Provider



Multiple dairy farm partners



Multiple food waste partners



Ag-Grid Expansion Strategy

Build Base (Current)

- Operate current AD and Depack facilities in MA and CT site to produce electricity from manure and food waste

Expand (Year 0-2)

- Expand into mid-Atlantic with manure + food waste to RNG and electricity combo model

Expand (Year 2-5)

- Build farm digesters in Mid-west and Southern states with biogas to RNG; collaborate with Utilities and Midstream Companies as partners for RNG

Future (Year 5+)

- Add liquid digestate management to reduce the burden on the farm